

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A milling cutter, comprising:

a cutter body provided with a plurality of insert seats; and

a cutting insert having a hexahedral shape and inserted into and fastened to each of the insert seats in either of two perpendicular directions.

2.(Original) The milling cutter according to claim 1, wherein the cutting insert comprises:

a through hole formed in the cutting insert from an upper surface to a lower surface of the cutting insert; and first and second cutting blade parts having the same shape and provided on first and second ends of the cutting insert, respectively.

3. (Original) The milling cutter according to claim 1 or 2, wherein the insert seats are radially formed inwards around a circumferential outer surface of the cutter body and are spaced apart from each other at regular intervals, and each of the insert seats comprises first and second locking holes respectively formed on first and second inner surfaces of the insert seat, so that the cutting insert is fastened to the insert seat by a locking screw which is tightened into the first or second locking hole of the insert seat after passing through the through hole of the cutting insert.

4. (Original) The milling cutter according to claim 2, wherein each-of the first and second cutting blade parts comprises: a rounded corner blade provided at each of corners of the first and second cutting blade parts; and a main blade provided between adjacent corner blades to connect the corner blades to each other.

5. (Canceled)

6. (Original) The milling cutter according to claim 4, wherein each of the main blades comprises a flat blade surface and an inclined blade surface which are sequentially provided on the main blade toward a central portion of each of the first and second cutting blade parts.

7. (Original) The milling cutter according to claim 1, wherein the cutting insert has a cubic shape.

8. (Original) The milling cutter according to claim 1, wherein the cutting insert has a rectangular parallelepiped shape.

9. (Original) The milling cutter according to claim 8, wherein a width (x), a height (z) and a length (y) of the cutting insert have a ratio from 1:1:0.8 to 1:1:1.2.

10. (Previously Presented) The milling cutter according to claim 3, wherein said first locking hole extends radially and said second locking hole extends perpendicular to said first locking hole.

11. (Currently Amended) A milling cutter, comprising:

a cutter body having a plurality of ~~inserts~~insert seats, each seat having two perpendicular inner surfaces, with each surface having a locking hole; and

a plurality of cutting inserts having a hexahedral shape, with one cutting insert being inserted into and fastened to one of the plurality of insert seats, each cutting insert selectively fastened to one of said first and second perpendicular inner surfaces.

12. (Previously Presented) The milling cutter according to claim 11, wherein one of said locking holes of each insert seat extends radially and another of said locking holes of the same insert seat extends axially.

13. (Previously Presented) The milling cutter according to claim 11, wherein each cutting insert has cutting blade parts on opposite ends and each cutting blade part has four cutting edges so that each cutting insert can selectively utilize eight cutting edges.